

STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

IN RE: :
: :
APPLICATION OF CELLCO PARTNERSHIP : DOCKET NO. 332
D/B/A VERIZON WIRELESS FOR A :
CERTIFICATE OF ENVIRONMENTAL :
COMPATIBILITY AND PUBLIC NEED FOR :
THE CONSTRUCTION, MAINTENANCE AND :
OPERATION OF A TELECOMMUNICATIONS :
FACILITY IN WASHINGTON, CONNECTICUT : JUNE 15, 2007

RESPONSES OF CELLCO PARTNERSHIP D/B/A VERIZON WIRELESS
TO TOWN OF WASHINGTON SUPPLEMENTAL INTERROGATORIES

On June 13, 2007, the Town of Washington issued Supplemental Interrogatories to the applicant, Cellco Partnership d/b/a Verizon Wireless ("Cellco"), relating to the above-captioned docket. Below are Cellco's responses.

1. Please provide all information used by the Applicant in performing the non-ionizing radiation calculations which demonstrate that all significant contributors of the ambient RF environment should be considered, including those otherwise excluded from performing routine RF evaluations. Please include in your response whether the Applicant included in its calculation a good faith estimate of the contributions of any and all such additional carriers in the fully built out configuration.

Response

The worst case RF calculation included in the Application was for Cellco's antennas only and do not include contributions from other potential carriers sharing the proposed facility. AT&T (Cingular) in its response to Council Interrogatory No. 9 states that the worst case power

density emissions levels from its antennas would be 5.5% of the FCC standard. The cumulative worst case approximation for Celco and AT&T antennas would therefore be 7.96% of the FCC standard.

2. With regard to the technical parameters of existing adjacent sites as requested in Question 2 of the Intervenor, Town of Washington Interrogatories dated May 29, 2007, we have not received the data from the Applicant's existing sites, only the Applicant's proposed sites. Please provide said information with regard to the existing sites.

Response

New Milford East Cell Site – 399 Chestnut Land Road, New Milford CT

Antenna Type: Antel LPA 185080/12CF 2

Antenna Orientation: Sector 1 - 0°; Sector 2 - 120°; and Sector 3 - 250°.

Antenna Elevation: Centerline Height – 140' AGL

Antenna Down Tilt: None.

Site Coordinates: Lat. 41°-37'-55"
Long. 73°-22'-03"

Litchfield Southwest Cell Site – 1291 Bantam Road, Litchfield CT

Antenna Type: Antel LPA 185080/12CF 2

Antenna Orientation: Sector 1 - 30°; Sector 2 - 150°; and Sector 3 - 270°.

Antenna Elevation: Centerline Height – 140' AGL

Antenna Down Tilt: None.

Site Coordinates: Lat. 41°-43'-02"
Long. 73°-15'-39"

3. With regard to Question 4 of the Intervenor, Town of Washington Interrogatories dated May 29, 2007, a gap map is a map which contains representations showing significant

coverage gaps which the Applicant is seeking to fill. The Applicant has provided a search ring which is the search area for this specific site. The Intervenor Town of Washington is seeking a map which represents coverage gaps applicable to their sites as well as the entire town.

Response

Currently, the entire Town of Washington sits within a “significant coverage gap” in Cellco’s Litchfield County network. This is illustrated clearly in the existing RF coverage map included behind Tab 7 of the Application. This map identifies two existing Cellco cell sites in the Washington area, the New Milford East cell site and the Litchfield Southwest cell site. From each of these existing cell site locations, Cellco is providing service to limited areas within the Town of Washington. Other than these small areas of coverage, Cellco does not currently provide service anywhere in the Town of Washington.

Cellco’s design objective for the proposed Washington North Facility is to provide coverage to a portion of Routes 202 and 45 in the Marbledale section of Town. Significant coverage gaps will remain elsewhere in Washington after the proposed facility is on the air. Those gaps are clearly depicted on the coverage maps contained in the Application which show existing and proposed RF coverage.

In addition to the Washington North site, Cellco has two active search areas in the Town of Washington. The “Washington Northeast” search area seeks to fill the coverage gap between the proposed Washington North site and Cellco’s existing Litchfield Southwest site. It is expected that the Washington Northeast site would provide coverage along portions of Routes 202, 341, 47 and 45. The “Washington Center” search area would involve a facility in the Washington Depot area and would provide coverage to portions of Routes 109 and 47.

4. Please provide renderings (photo or graphic simulations) of a “slender” monopole, i.e. a monopole with flush mount antennas. In addition, please include whether said pole could be constructed using laminated wood.

Response

Attached is a photograph of a monopole tower with flush mounted antennas. The tower in this photograph is approximately 75 feet tall, painted brown, located off Route 177 in Farmington CT.

In our experience, laminated wood poles are not used in situations where the tower height exceeds approximately 120 feet. Unlike steel monopole structures, antenna cables must be run on the outside of laminated wood poles, adding to the bulk of the tower structure.

If the Council were to require Cellco to use flush mounted antennas rather than the full antenna array as proposed in the Application, Cellco would need to increase the height of the structure and its antenna centerline to 160 feet to meet its coverage objectives in the Washington North area.

CERTIFICATE OF SERVICE

I hereby certify that on the 15th day of June, 2007, a copy of the foregoing was sent via electronic mail or facsimile and mailed, postage prepaid, to:

Town of Washington

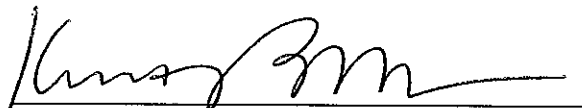
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